

CEx7 A8040 COM Express

[a8040](#), [marvell](#), [com](#), [express](#), [cex7](#)



Description

SolidRun's CEx7 A8040 COM (Computer-on-Module) based on the COM Express Type 7 standard form factor was developed with a focus around server class, hardware virtualization and networking solutions. The CEx7 A8040 will be offered in the Basic (125mm X 95mm) configuration, providing developers full flexibility.

- COM Express Type 7 form factor
- Based on Marvell 88F8040 featuring Quad Cortex A72 ARM processors
- Up to 16GB DDR4 (64 bits wide)
- Enterprise Linux support
- Full virtualization support
- Hardware accelerated security

Specifications

Description/Model	CEx7 A8040 COM
Form Factor	COM Express type 7
Carrierboard	ClearFog CX 8K (coming soon)
Processor	Marvell ARMADA A8040 quad-core Cortex ARM A72 (up to 2Ghz)
Memory and Storage	Up to 16GB DDR4 (64 bit) (ECC Optional) EMMC (Optional - up to 128GB)
Connectivity	2 x XFI/RXAUI/SGMII 1 x SGMII 1 x PCIe Gen 3 (4 lane)

Description/Model	CEx7 A8040 COM
I/O and Misc.	1 x USB 3.0 3 x USB 2.0 I2C SPI bus GPIOs UART
Security	Fast Secure Boot
OS Support	Linux Kernel 4.4x, Buildroot environment Optimized Linux kernel 4.4 and newer
Power	12V
Dimensions	125mm X 95mm
Enclosure	Optional Metal Enclosure

From:
<https://wiki.solid-run.com/> - **Wiki | SolidRun**

Permanent link:
<https://wiki.solid-run.com/doku.php?id=products:a8040:cex7com>

Last update: **2018/02/25 11:50**

